

TERIOR, CANADA W. W. Corv, Deputy Minister

BULLETIN No. 55

**LEVELLING** 

### ELEVATIONS OF LAKES

IN

## MANITOBA, SASKATCHEWAN AND ALBERTA

By J. N. WALLACE, D.L.S. Director of Levelling

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OFTAWA
F. A. ACLAND
FER TO THE KING'S MOST EXCELLENT MAJESTY
1974

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#### DEPARTMENT OF THE INTERIOR, CANADA

HON. CHARLES STEWART, Minister

W. W. Cory, Deputy Minister

TOPOGRAPHICAL SURVEY OF CANADA

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#### INTRODUCTION

This bulletin contains the elevations of 756 lakes in the Prairie Provinces. It has not been feasible to adopt any definite rule as to what lakes should be included, but care has been taken in the selection so as to make the bulletin practically useful, and representative of the general water elevations in the various areas. The aim has been to include all lakes which are at least two square miles in area, if their elevations have been recorded, also some smaller lakes with known elevations if the lakes have local importance, and some very large lakes even though their elevations can only be estimated. The elevation of a particular lake may be of interest in itself alone, or it may afford an opportunity for supplying general information regarding the locality in which it occurs.

Lakes have several characteristics which make them a suitable means for supplying elevations. Over many large areas in the North they are almost the only definite features which can be identified by the simple use of a name, and they have everywhere a tangible existence which gives more reality to a recorded elevation than is the case when the elevation refers to some point on the ground, such as a section corner. latter, even though its location is exactly stated, may yet have little meaning to many people. Lakes also are well suited for recording an elevation on a map owing to the ease of identifying the place, and also owing to the convenient space for figures afforded on most maps by lakes of even moderate size. Railway stations also afford these two characteristics—reference by name and ease of identification on a map—but the elevations of the great majority of stations have already been made known in various publications.

The authority for each lake elevation is shown by a reference number opposite to each. Numbers 1, 2, and 3, which together comprise eighty-two per cent of all the lakes in the bulletin, are direct records made by this Survey, the first having been ascertained while running regular lines of spirit levels, the second being derived from stadia work or aneroid readings based on neighbouring lines of levels, while the third, all of them in mountainous areas, are the results of trigonometric processes. These last include a few lakes recorded during the survey of the Alberta-British Columbia boundary. The three classes named include respectively 495, 91, and 30 elevations. The elevations in class number 4, which includes 36 lakes, are from the Dictionary of Altitudes by James White.

The class numbered 5 includes 82 lakes, all of which are of considerable size or of outstanding importance, but for which there is no definite record of elevation. The elevations in this class are estimated, but the estimates are based on a careful study of known water elevations in the vicinity which have a direct bearing on the elevation of the particular lake. The most satisfactory of such cases are those where an elevation has been recorded both on some stream which enters the lake and also on a stream which flows from it. Where there is no great difference in the elevations, or in the distances apart, of these two records, the elevation of the lake can be estimated with a sufficient degree of accuracy to be useful for many purposes. A few cases, all of them large and well known lakes, have also been included in this class although an elevation on only one side of the lake is at present available. In all cases occurring in class number 5, it is to be noted that nothing better than the estimated elevation is available.

The purpose of this bulletin is to supply general information regarding lake elevations in a convenient form for reference. While considerable care has been taken to have the elevations as correct as possible, it is not intended that they should be used by themselves alone for the purpose of laying out local works. Such enterprises generally call for a refinement which can only be properly secured by detailed levelling done with the special object kept prominently in view. The elevation of every lake varies to a slight extent according to the season of the year, and also from one year to another, and in very large lakes differences at opposite ends of the lake itself may be caused temporarily by strong winds. All elevations stated should be understood as giving the average elevation above mean sea level.

#### TOPOGRAPHICAL SURVEY

#### ELEVATIONS OF LAKES

The numbers following the names indicate the township, range, and meridian.

The authorities for the elevations are indicated as follows:

- 1. Topographical Survey, lines of spirit levels.
- 2. " stadia or aneroid.
- 3. "triangulation.
- 4. Dietionary of Altitudes, by James White.
- 5. Estimated elevations.

Eleva- tion	Name and Locality	Auth- ority
6885	Agnes, Alta., 28–16–5th	3
1720	Algar, Alta., 84–15–4th	1
2760	Allan, Alta., 68–14–5th	1
6450	Amethyst, Alta., 43–2–6th	3
2006	Amisk, Alta., 65–18–4th	1
964	I Amisk, Sask., 65–2–2nd.,	1
774	Anderson, Man., 36–6–Pr	1
1886	Anerley, Sask., 28–10–3rd	1
1042	Anita, ManOnt., 44-16E-Pr	1
2328	Antelope, Sask., 15–18–3rd	4
2420	Antler, Alta., 52–21–4th	1
599	Apussigamasi, Man., 79–2–Pr	1 5
1160	Archer, Alta., 105–2–4th	
4226	Arcs, des (Bow river) Alta., 24-9-5th	4
618	Armstrong, Man., 78–4E–Pr	1
1057	Artery, ManOnt., 27-17E-Pr	1
1693	Aske, Śask., 45–7–3rd	1
1027	Assapan, ManOnt., 40–16E–Pr	1
2336	Astotin, Alta., 54–20–4th	2
699	Athabaska, SaskAlta., 115-1-4th	1
953	Athapapuskow, Man., 64–28–Pr	1
877	Atik, Man., 60–27–Pr	1
855	Atikameg, Man., 58–25–Pr	4
871 1717	Atim, Man., 40–13–Pr.	1
1/1/	Atten, Sask., 45–20–3rd	1

_	Eleva- tion	Name and Locality	Auth- ority
		В	
	1749	Bangs, Alta., 60-7-4th	1
	1900	Baptiste, Alta., 66–24–4th	5
	702	Baril, Alta., 112-10-4th	1.
	864	Barrier, ManSask., 57–29-Pr	1
	1826	Barrier, Sask., 38–15–2nd	1
	2794	Battle, Alta., 46–2–5th	4
	2030	Batty, Alta., 59–11–4th	1
	2080	Baxter, Alta., 45–5–4th	1
	2175	Bear, Alta., 72–7–6th	1 1
	2586	Bearhills, Alta., 46–25–4th	$\frac{2}{1}$
	2053	Beatty, Alta., 125–1–6th	5
	$\frac{1560}{2111}$	Beaupre, Sask., 64–8–3rd Beauregard, Alta., 58–9–4th	1
	3356	Beauvert, Alta., 45–1–6th	3
	1834	Beaver, Alta., 66–12–4th	lű
	2202	Beaverhill, Alta., 51–18–4th	î
	2146	Behan, Alta., 73–11–4th	i
	876	Belanger, Sask., 57–1–2nd	1
	2330	Berry, Alta., 24-11-4th	1
	1784	Biche, la, Alta., 68–14–4th	1
133	2118	Big, Álta., 53–26–4th	2
	2473	Big Hay, Alta., 48–22–4th	1
	2161	Big Muddy, Sask., 2–21–2nd	1
	2326	Bigstick, Sask., 15–25–3rd	1
	2107	Birch, Alta., 50-12-4th	1
	640	Birch, Man., 77–4–Pr	5
	1664	Birchbark, Sask., 53–22–2nd	1
	1875	Bison, Alta., 94–14–5th	5
	$2334 \\ 2425$	Bitter, Sask., 13–28–3rd Bittern, Alta., 47–22–4th	1
	$\frac{2425}{1672}$	Bittern, Sask., 57–26–2nd	1
	1550	Bjork, Sask., 43–11–2nd	5
	1000	Black, Sask., 118–21–2nd	4
	1200	Black Bear Island, Sask., 77–26–2nd	4
	1624	Black Duck, Sask., 57–8–3rd	1
	1726	Blackstrap, Sask., 33-3-3rd	1
	1624	Blaine, Sask., 44–7–3rd	1
	2215	Bliss, Sask., 9–26–2nd	2
	1863	Bluewing, Man., 24–27–Pr	1
	1470	Bohn, Alta., 80-5-4th	5
	1360	Bone, Man., 5–17–Pr	2

Eleva- tion	Name and Locality	Auth- ority
820 6210 2103 1640 2404 6430 2780 745 1016 929 1696 2036 3232 2970 1997 2566 1662 1645 906 1717 520 715	Bonnet, du, Man., 15–12E–Pr. Boom, Alta., 26–16–5th. Boucan, Alta., 58–9–4th. Boulder, Sask., 30–23–2nd. Boundary, Alta., 84–13–6th. Bow, Alta., 31–18–5th. Bow Reservoir, Little, Alta., 14–20–4th. Bowden, Man., 68–8–Pr. Bradburn, Man.–Ont., 37–16E–Pr. Brander, Alta., 108–1–4th. Brightwater, Sask., 33–4–3rd. Bronson, Sask., 56–25–3rd. Brule, Alta., 50–27–5th. Buck, Alta., 46–6–5th. Buck, Alta., 46–6–5th. Buffalo, Alta., 40–21–4th. Buffalo, Pound, Sask., 19–26–2nd. Buffer, Sask., 39–1–3rd. Burntwood, Man., 74–18–Pr. Bushy, Sask., 45–20–3rd. Butnau, Man., 83–14E–Pr. Butterfly, Man., 63–2E–Pr.	1 4 1 1 1 3 2. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3992 998 1950 2082 2161 1866 848 7680 1081 1948 5445 848 1621 1415 2115	Cabin, Alta., 45–1–6th. Cable, Sask., 64–1–2nd. Cabri, Sask., 25–27–3rd. Cache, Alta., 59–12–4th. Cactus, Sask., 36–28–3rd. Cadotte, Alta., 86–16–5th. Caldon, Man., 40–24–Pr. Caldron, Alta., 31–19–5th. Caledon, Sask., 72–1–2nd. Calling, Alta., 72–22–4th. Cameron, Alta., 1–1–5th. Camping, Man., 41–13–Pr. Candle, Sask., 56–23–2nd. Canoe, Sask., 71–15–3rd. Cardinal, Alta., 83–24–5th.	3 1 1 1 1 1 1 3 1 (a) 1 1

<sup>(</sup>a) International Boundary Survey. 68956—3

_	Eleva- tion	Name and Locality	Aut
	1095	Carlisle, Man., 66–30–Pr	1
	2075	Carroll, Alta., 59–12–4th.	1
	1062	Carroll, Alta., 59–12–4th. Carroll, ManOnt., 25–17E–Pr	1
	1062	Cavanagh, ManOnt., 33-17E-Pr	1
	5610	Cavell, Alta., 43-1-6th.	3
	2318	Cecil, B.C., 84–17–6th	ľ
	831	Cedar, Man., 49–19–Pr	ĺí
	2110	Chapleau, Sask., 14–11–2nd	5
0	2180	Chaplin, Sask., 17–5–3rd.	ì
_	2272	Charlie, B. C.,84–19–6th.	Ιí
	1801	Charlotte, Alta., 61–5–4th	Ιí
	2194	Charlton, Man., 1–19–Pr.	2
	1751	Chatwin, Alta., 61–6–4th	1
	5620	Chephren, Alta., 33–19–5th.	3
		Chestermere, Alta., 24–28–4th	2
	3358	Cheviot, Sask., 35–3–3rd	2
	1685		1
	2037	Chickenhill, Alta., 59–8–4th	
	2782	Chin Coulee, Alta., 8–17–4th	
	4340	Chiniki, Alta., 24–7–5th	2
	2581	Chip, Alta., 54–10–5th	1
	858	Chitek, Man., 39–14–Pr	1
	1830	Chitek, Sask., 55–13–3rd	5
	937	Chocolate, Man., 61–29–Pr	1
	1818	Christina, Alta., 76–6–4th	1
	1382	Churchill, Sask., 81–15–3rd	1
	5910	Cirque, Alta., 33–19–5th	3
	699	Claire, Alta., 111–13–4th	1
	<b>2</b> 207	Clairemont, Alta., 72–5–6th	1
	1776	Clarence, Sask., 60–21–2nd	1
	725	Clarke, Man., 64–1–Pr	1
	1018	Clayton, Man., 31–17E–Pr	1
	2348	Clear, Alta., 101–13–4th	1
	2016	Clear, Man., 19–19–Pr	1
	1664	Clearsand, Sask., 56–24–2nd	1
	862	Clearwater, Man., 52–16–Pr	1
	2142	Clyde, Alta., 73–10–4th	1
	2300	Coal, Alta., 47–23–4th	2
	2317	Coalmine, Sask., 5–23–2nd	1
	1755	Cold, SaskAltá., 64-1-4th	1
	637	Comber, Man., 80–10E–Pr	1
	2419	Cooking, Alta., 51–21–4th	1
	941	Corley, Man., 68-20-Pr	1
	840	Cormorant, Man., 60–23–Pr	1

Eleva- tion	Name and Locality	Authority
1964 1862 1530 1559 1480 2563 964 2425 1070 1720 1530 1484 815 679 1037 2887 4427 867 854	Corner, Alta., 65–6–4th. Coteau, Sask., 27–8–3rd. Course, la, Sask., 32–31–Pr. Cowan, Sask., 58–9–3rd. Cowpar, Alta., 80–3–4th. Craig, Alta., 34–12–4th. Cranberry, Man., 65–25–Pr. Crane, Sask., 13–23–3rd. Craven, Man.–Ont., 26–17E–Pr. Crean, Sask., 59–1–3rd. Cree, Sask., 98–8–3rd. Crooked, Sask., 19–6–2nd. Cross, Man., 49–14–Pr. Cross, Man., 66–1–Pr. Crow Duek, North, Man., 13–17E–Pr. Crow Indian, Alta., 5–13–4th. Crowsnest, Alta., 8–5–5th. Cumberland, Sask., 58–3–2nd. Cumming, Man., 22–1–Pr. Cutbank, Alta., 72–8–6th.	1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2347 3055 2087 3189 534	Cutbank, Alta., 72–8–6th Cygnet (dry bed), Alta., 38–1–5th Cygnet, Sask., 30–2–3rd. Cypress, Sask., 6–26–3rd. Cyril, Man., 80–15E–Pr.	1 4 1 (a) 1
705 854 2210 1104 2287 2104 1620 2774 2409 860 1660 1786 2040	Dagmar, Alta., 108–9–4th. Dauphin, Man., 26–17–Pr. David, Alta., 42–5–4th. Davidson, Man.–Ont., 17–17E–Pr. Deadman, Alta., 56–1–5th. Deep, Sask., 17–13–2nd. Delaronde, Sask., 58–7–3rd. Delburne, Alta., 37–23–4th. Demay, Alta., 48–19–4th. Dennis, Man., 19–1E–Pr. Des Iles, Sask., 63–23–3rd. Diamond, Man., 19–27–Pr. Dilberry, Alta., 41–1–4th.	5 1 2 1 1 2 1 5 5

<sup>(</sup>a) Reclamation Service.

Eleva- tion	Name and Locality	Auth- ority
815 1018 278 1506 4383 2595 2246 2113 615	Dog, Man., 24–8–Pr Dogskin, Man.—Ont., 32–17E–Pr. Donald, Man., 93–1–2E. Dore, Sask., 67–9–3rd. Dorothy, Alta., 45–2–6th. Dowling, Alta., 32–15–4th. Driedmeat, Alta., 44–19–4th. Drysdale, Alta., 58–9–4th. Duck (Nelson river), Man., 67–5–Pr.	4 1 1 3 1 1 1 5
	E	
3025 814 1028 1571 3339 845 1617 3036 1935 950 968 4015 960 2207 1398 929 3262 2618 2900 2753 1715	Eagle, Alta., 23–24–4th Ebb and Flow, Man., 24–11—Pr. Echo, Man., 14–15E–Pr. Echo, Sask., 21–14–2nd Edith, Alta., 45–1–6th Egg, Man., 56–18–Pr. Egg, Sask., 57–8–3rd. Eighteen-Mile, Alta., 7–19–4th Ekapo, Sask., 16–5–2nd Elbow, Man., 67–23–Pr. Election, Man., 64–25–Pr. Elkwater, Alta., 8–3–4th Embury, Man., 67–29–Pr. Emilien, Alta., 53–8–4th Emmeline, Sask., 69–2–3rd Epler, Alta., 108–1–4th Ernie, Alta., 39–6–5th Erskine, Alta., 38–21–4th Eva, Alta., 114–7–5th Ewing, Alta., 37–21–4th Eyebrow, Sask., 23–2–3rd.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
	${f F}$	
2651 2006 2602 942 2944	Farrell, Alta., 33–17–4th. Fawcett, Alta., 73–26–4th. Fife, Sask., 3–29–2nd. File, Man., 68–19–Pr. Fish, Little, Alta., 28–16–4th.	1 1 1

Eleva- tion	Name and Locality	Auth- ority
1963 1738 2074 2030 2872 1030 1025 1972 1590 2329 2150 1776 1076 1535 4384 2269 1600 838 525 1018 3290 2322 2007 699 1381 1885	Fishing, Alta., 57–2–4th. Fishing, Sask., 33–11–2nd. Flat, Alta., 59–8–4th. Flat, Alta., 65–20–4th. Fleming, Alta., 112–9–5th. Flett, Man.–Ont., 36–16E–1'r. Flinflon, Man., 67–29–Pr. Floatingstone, Alta., 60–11–4th. Flotten, Sask., 65–17–3rd. Flyingshot, Alta., 53–20–4th. Flyingshot, Alta., 71–6–6th. Foam, Sask., 32–12–2nd. Ford, Man.–Ont., 26–17E–Pr. Formby, Alta.—Sask., 84–1–4th. Fortress, B.C., (W. of tp. 39–26–5th) Foster, Alta., 78–13–5th. Foster, Sask., 88–22–2nd. Fox, Alta., 108–3–5th. Fox, Man., 80–17E–Pr. Frances, Man.–Ont., 32–17E–Pr. Frank, Alta., 18–27–4th. Freefight, Sask., 17–23–3rd. Freshwater, Sask., 42–28–3rd Frezie, Alta., 108–6–4th. Frobisher, Sask., 84–15–3rd. Frog, Alta., 57–3–4th.	1 1 1 1 5 1 1 1 2 2 5 1 1 1 1 1 2 1 1 1 1
2477 2220 1992 1015 1535 2359 976 880 2917 1480 3867	G Gambling, Alta., 50-20-4th. Gardiner, Alta., 98-16-4th. Garner, Alta., 60-12-4th. Garner, ManOnt., 21-17E-Pr. Garson, SaskAlta., 84-1-4th. Gaskell, Alta., 14-1-4th. George, Man., 15-15E-Pr. George, Man., 68-14-Pr. Ghostpine, Alta., 36-25-4th. Gipsy, Alta., 84-2-4th. Glenbow, Alta., 25-3-5th.	2 5 2 1 1 2 1 5 1 5 2 2

<sup>(</sup>a) Reclamation Service.

Eleva- tion	Name and Locality	Auth- ority
1939 1062 11620 2162 2378 935 2906 1430 2708 1720 850 2184 2359 1485 5500 1750 1563 2960 837 500	Golden, Alta., 87–15–5th. Goldthorpe, Man.—Ont., 37–16E—Pr Good Spirit, Sask., 29–5–2nd Goose, Alta., 42–11–4th. Goose, Alta., 61–8–5th. Goose, Man., 63–27–Pr. Goosequill, Alta., 36–23–4th. Gordon, Alta., 35–3–4th. Gough, Alta., 35–18–4th. Graham, Sask.—Alta., 79–26–3rd. Granville, Man., 84–21–Pr. Grassy Island, Alta., 33–3–4th. Greasewood, Alta., 14–1–4th. Green, Sask., 60–12–3rd. Greenwater, Alta., 58–13–6th. Greenwater, Sask., 41–11–2nd. Gregoire, Alta., 86–8–4th. Gull, Alta., 41–28–4th. Gull, Man., 16–7E–Pr. Gull (Nelson River), Man., 84–13E–Pr.	1
705 728 770 2981 2414 2215 1078 2473 2496 1950 5704 777 919 2180 715 1103 2203 1022 2023	Hairy, Man., 62–1E–Pr. Halfway, Man., 70–7–Pr. Hambone, Man., 72–6–Pr. Handhills, Alta., 29–16–4th. Hastings, Alta., 51–20–4th. Hattie, Alta., 46–11–4th. Hay, Alg., 112–7–6th. Hay, Big, Alta., 48–22–4th. Hay, Big, Alta., 48–22–4th. Hay, Little, Alta., 49–21–4th. Heart, Alta., 70–10–4th. Hector, Alta., 30–17–5th. Helen, Alta., 31–17–5th. Helen, Alta., 31–17–5th. Helen, Alta., 72–7–6th. Hill, Man., 68–16–Pr. Hermit, Alta., 72–7–6th. Hill, Man., 62–10–Pr. Hobbs, Man.–Ont., 29–17E–Pr. Horace, Man., 13–15E–Pr. Horseshoe, Man., 13–15E–Pr.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Eleva-	Name and Locality	Auth- ority
2184 606 2897 2923	Hughes, Alta., 71–6–6th. Hughes, Man., 83–11E–Pr. Hummock, Alta., 35–23–4th Hussar, Alta., 24–20–4th.	1 1 2 1
	I	
1895 1382 1660 2222 1930 930 4440 850 2392	Ibsen, Sask., 9–17–2nd. Ile à la Crosse, Sask., 74–12–3rd. Iles, des, Sask., 63–23–3rd. Ipiatik, Alta., 72–7–4th. Iroquois, Alta., 74–18–5th. Iskwasum, Man., 65–23–Pr. Island, Alta., 8–6-5th. Island, Man., 53–20E–Pr. Isle, Alta., 54–5–5th.	2 1 5 1 4 5 4 5 4
	j	
2008 1737 3287 1799 2186 2500 2111	Jackfish, Man., 18–19–Pr. Jackfish, Sask., 47–17–3rd. Jasper, Alta., 47–1–6th. Jessie, Alta., 61–5–4th. Johnstone, Sask., 13–29–2nd. Joseph, Alta., 50–21–4th. Julien, Alta., 58–9–4th.	1 1 3 1 1 1
	K	
733 2150 1016 1156 5460 5550 849 1569 7905 853 851	Kakisa, N. W. T., 138–1–6th. Kakut, Alta., 76–4–6th Kaminis, Man., 65–30–Pr. Kamuchawi, ManSask., 84–1–2nd. Kananaskis, Lower, Alta., 19–9–5th. Kananaskis, Upper, Alta., 19–9–5th. Kanusk, Man., 44–15–Pr. Katepwe, Sask., 20–12–2nd. Katherine, Alta., 31–17–5th. Katimik, Man., 44–13–Pr. Kawinaw, Man., 44–13–Pr.	1 5 1 1 4 4 1 1 1 4

Eleva- tion	Name and Locality	Auth- ority
1425 1491 724 2537 1767 3142 2050 2030 1584 1866 963 2519 740 697 710 1036 920 2155 550 1300	Kazan, Sask., 76–15–3rd. Keeley, Sask., 68–14–3rd. Keeper, Man., 64–1–Pr. Keeping, Alta., 74–13–6th. Kehiwin, Alta., 58–7–4th. Keho, Alta., 11–22–4th. Killarney, Alta., 42–1–4th. Kimiwan, Alta., 78–19–5th. Kinosis, Alta., 84–7–4th. Kinosiu, Alta., 66–16–4th. Kipahigan, Sask., 73–1–2nd. Kirkpatrick, Alta., 33–10–4th. Kiskit, Man., 66–10–Pr. Kiskitto, Man., 61–8–Pr. Kiskittogisu, Man., 60–7–Pr. Kisseynew, Man., 69–28–Pr. Kisseynew, Man., 69–28–Pr. Kississing, Man., 72–25–Pr. Kleskun, Alta., 73–4–6th (Bcfore lowering). Knee, Man., 71–20E–Pr. Knee, Sask., 79–8–3rd.	1 1 1 1 2 5 (a) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	. L	
1784 2805 1530 1635 625 2671 2150 1476 1064 1225 2147 1608 1777 1732 1050 1758 976	La Biche, Alta., 68–14–4th. Lacombe, Alta., 40–27–4th. La Course, Sask., 32–31–Pr. Ladder, Sask., 56–7–3rd. Landing, Man., 73–1E–Pr. Lanes, Alta., 37–14–4th. La Nonne, Alta., 57–3–5th. La Plonge, Sask., 71–9–3rd. Laronde, ManOnt., 38–16E–Pr. La Ronge, Sask., 71–21–2nd. Last, Alta., 83–1–6th. Last Mountain, Sask., 24–24–2nd. Lavallee, Sask., 61–4–3rd. Lawrence, Sask., 61–7–3rd. Leaf, Sask., 60–5–3rd. Leaf, Sask., 60–5–3rd. Leak, Man., 64-23-Pr.	1 2 5 1 1 2 5 1 1 1 1 1 1 1 1 1 1

<sup>(</sup>a) Reclamation Service.

Eleva-	Name and Locality	Auth- ority
1570 1679 2594 557 1893 2219 852 2096 712 870 1134 701 1469 2780 840 2944 2496 1628 712 2309 3690 1960 819 2713 1420 1660 624 940 1339 2144 5680 1336 2707 2270 1818 1907 1275	Lebret, Sask., 21–13–2nd. Leech, Sask., 24–4–2nd. Legend, Alta., 97–18–4th. Lenora, Man., 81–20E–Pr. Lesser Slave, Alta., 74–8–5th. Letendre, Alta, 47–11–4th. Lillaboo, Sask., 113–24–3rd. Lily, Alta., 57–23–4th. Lily, Man., 65–9–Pr. Limestone, Man., 62–18–Pr. Limestone, Man., 62–18–Pr. Limit, Sask., 67–30–Pr. Limon, Alta., 108–8–4th. Linvall, Sask., 85–19–3rd. Little Bow Reservoir, Alta., 14–20–4th. Little Cormorant, Man., 60–21–Pr. Little Fish, Alta., 28–16–4th. Little Hay, Alta., 49–21–4th. Little Manito, Sask., 32–25–2nd. Little Playgreen, Man., 58–3–Pr. Lizard, Sask., 38–14–3rd. Lloyd, Alta., 22–2–5th. Logan, Alta., 71–10–4th. Lonely, Man., 25–12–Pr. Lonepine, Alta., 37–18–4th. Long, Sask., 68–13–3rd. Loon, Alta., 86–9–5th. Loon, Man., 80–1–Pr. Loonhead, Man., 69–20–Pr. Lorne, Man., 3–15–Pr. Loot Point, Alta., 56–23–4th. Louise, Alta., 28–16–5th. Louise, Man., 3–15–Pr. Lowden, Alta., 37–19–4th. Louise, Man., 3–15–Pr. Lowden, Alta., 56–27–4th. Lubicon, Alta., 85–13–5th. Lucky (dry bed), Sask., 24–8–3rd. Lynx, Sask., 72–1–3rd.	$egin{array}{cccccccccccccccccccccccccccccccccccc$

_	Eleva- tion	Name and Locality	Auth
		M	
	617	McCusker, Man., 82–11E-Pr	1
	2424	McFadden, Alta., 51–22–4th	2
	1912	McFarlane, Sask., 41–23–3rd	1
	1121	MacGillivray, ManOnt., 29-17E-Pr	1
	2848	McGregor, Alta., 18–21–4th	1
	1052	Mackay, ManOnt., 42–16E-Pr	1
	2763	McKee, Alta., 32–19–4th	2
	925	Mackenzie, Sask., 60–4–2nd	5
	1510	McLean, Sask., 85–21–3rd	5
	1875	McLeod, Alta., 80–1–5th	1
	918	McLcod, Man., 69–18–Pr.	1
	620	Maggie, Man., 81–11E–Pr	
	1971	Magloire, Alta., 79–21–5th	(a)
	2160	Majeau, Alta., 57–3–5th	5
0	1770 5200	Makwa, Sask., 59–22–3rd	5
•	<del>5200</del> 699	Maligne, Alta., 42–23–5th	(b)
	2293	Mamawi, Alta., 111–9–4th	1 1
	932	Manawan, Alta., 57–25–4th Manigotagan, Man., 22–14F–Pr	
	1971	Manito, Sask., 43–26–3rd.	1
	1628	Manito, Little, Sask., 32–25–2nd	
	814	Manitoba, Man., 14–17–Pr.	
	2017	Mann, (lower) Alta., 59–11–4th	
	787	Many Bays, Man., 44–3E–Pr	Î
	2365	Many Island, Alta., 13–1–4th	Î
	979	Maraiche, Sask., 63–1–2nd	Î
	3000	Margaret, Alta., 114-9-5th	5
	2089	Marguerite, Alta., 65–5–4th	1
	1051	Mari, Man., 68–30–Pr	1
	1062	Marila, ManOnt., 41-16E-Pr	1
	2710	Marion, Alta., 37–18–4th	2
	4192	Maskinonge, Alta., 2–29–4th	3 2
	2922	Mattoyekiu, Alta., 25–18–4th	2
	2204	Max, Man., 1-20-Pr	2
	2407	Meadow, Alta., 38–11–4th	1
	1620	Meadow, Sask., 59–16–3rd	5
	1061	Meandrine, ManOnt., 42–16E–Pr	
	4700	Medicine, Alta., 45–26–5th	
	2426	Meeting, Sask., 48-12-3rd	1

<sup>(</sup>a) Reclamation Service. (b) O.P.Ry. Exploration.

Eleva- tion	Name and Locality	Auth- ority
2138 1055 845 1460 473 2492 960 1895 597 4769 2518 2186 6665 1865 5450 1930 870 1896 1023 6380 2270 2120 1608 2359 1744 838 1747	Meridian, Alta., 55–1–4th.  Meridian, Sask., 66–1–2nd. Meskanau, Man., 40–16–Pr. Methy, Sask., 86–23–3rd.  Mills (Maekenzie river), N.W.T., 143–1–6th. Ministik, Alta., 50–21–4th. Ministikwan, Man., 66–29–Pr. Ministikwan, Sask., 58–25–3rd. Mink, Man., 72–1–Pr. Minnewanka, Alta., 26–10–5th. Miquelon, Alta., 49–20–4th. Mirage, Alta., 80–8–6th. Mirror, Alta., 28–16–5th. Mistaya, Alta., 32–19–5th. Mistehae, Alta., 79–2–5th. Mistehae, Alta., 79–2–5th. Mitishto, Man., 62–18–Pr. Mitsue, Alta., 43–3–6th. Moor, Man.—Ont., 33–17E–Pr. Moat, Alta., 43–3–6th. Moberly, B.C., 79–25–6th. Montagnais, Alta., 58–9–4th. Montreal, Sask., 61–25–2nd. Moorehead, Alta., 14–1–4th. Moose, Man., 59–18–Pr. Moosehills, Alta., 57–6–4th.	ority  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
613 6190 3185 848 2161 2108	Moosenose, Man., 81–12F–Pr. Moraine, Alta., 27–16–5th. Mud, Alta., 9–27–4th. Mud, Man., 41–14–Pr. Muddy, Big, Sask., 2–21–3rd. Mudhen, Alta., 41–1–4th.	1 4 2 1 1 1
1740 2677 714 1832 737 1750 1892 1310	Mudie, Sask., 60–25–3rd.  Mudspring, Alta., 33–20–4th.  Muningwari, Man., 65–9–Pr.  Muriel, Alta., 59–5–4th.  Murray, Sask., 47–16–3rd.  Muskeg, Alta., 73–5–5th.  Muskeg, Alta., 100–5–5th.	1 1 1 1

<sup>(</sup>a) Dominion Water Powers; mean of regulation levels (4763 to 4775).

Eleva- tion	Name and Locality	Auth- ority
1770 2005 1050 1015	Muskiki, Sask., 39–26–2nd	5 1 1 5
	N	
2970 1719 872 2373 796 1785 590 637 1376 2020 2509 1999 1381 2150 1037 1787 1769	Namaka, Alta., 23–24–4th Namekus, Sask., 56–1–3rd Namew, Man.–Sask., 60–30–Pr Namur, Alta., 97–17–4th Nanuche, Alta., 107–1–5th Narrow, Sask., 44–13–3rd Natawahunan, Man., 77–2E–Pr Nathaniel, Man., 74–1–Pr Neely, Sask., 43–6–2nd Neola, Sask., 35–13–3rd Newell, Alta., 17–14–4th Nipin, Sask., 73–23–3rd Niska, Sask., 76–17–3rd Nonne, la, Alta., 57–3–5th North Crow Duck, Man., 13–17E–Pr North Wabiskaw, Alta., 81–26–4th Nut, Sask., 39–12–2nd	$\begin{array}{c c} 1 \\ 1 \\ 1 \\ 2 \\ 1 \end{array}$
	0	
1409 1066 1142 2029 1633 907 2225 2498 1950 753 843 630 2185 2286	Oak, Man., 8-25-Pr. Obukowin, ManOnt., 24-17E-Pr. Octopus, ManOnt., 19-17E-Pr. Octopus, Man., 19-18-Pr. Okemasis, Sask., 45-2-3rd O'Leary, Sask., 60-2-2nd. Oliva, Alta., 47-11-4th. Oliver, Alta., 50-21-4th. Opuntia, Sask., 33-19-3rd Orion, Man., 60-2-Pr. Osborne, Man., 69-15-Pr. Ospwagan, Man., 76-4-Pr. Otter, Alta., 73-23-4th. Otter, Alta., 89-13-5th	1 1 2 1 1

Eleva- tion	Name and Locality	Auth- ority
758 1355 2130 585	Otter, Man., 65–10–Pr. Overcad, Man., 5–17–Pr Owlseye, Alta., 58–10–4th Oxford, Man., 67–10E–Pr.	$\begin{array}{c}1\\2\\1\\4\end{array}$
	P	
2202 1030 615 2807 741 1474 1755 591 1908 1054 1689 3840 713 644 2005 2017 2269 1348 838 1843 2717 1037 2090 1382 6120 1055 1064 635 684 960 1675 2770 590	Pacey, Man., 18–18–Pr. Packman, Man.–Ont., 34–17E–Pr. Paint, Man., 75–4–Pr. Pakowki, Alta., 5–8–4th. Pakwa, Man., 68–10–Pr. Palmbere, Sask., 85–19–3rd. Paquin, Sask., 61–5–3rd. Partridge Crop, Man., 76–1–Pr. Pasatchaw, Alta., 52–1–4th. Pascall, Man.–Ont., 36–16E–Pr. Patience, Sask., 36–3–3rd. Patricia, Alta., 45–1–6th. Paxon, Man., 64–9–Pr. Paynter, Man., 75–1–Pr. Peck, Sask., 57–25–3rd. Peden, Man., 20–22–Pr. Peerless, Alta., 88–5–5th. Pelican, Man., 4–16–Pr. Pelican, Man., 41–21–Pr. Pelican, Sask., 18–1–3rd. Pelletier, Sask., 12–15–3rd. Perreault, Man.–Ont., 42–16E–Pr. Peter, Alta., 72–1–5th. Peter Pond, Sask., 81–19–3rd. Peyto, Alta., 32–18–5th. Phantom, Sask., 66–30–Pr. Philip, Man.–Ont., 28–17E–Pr. Philips, Man., 72–6–Pr. Pickerel, Man., 68–19–Pr. Pickerel, Man., 68–19–Pr. Pickerel, Sask., 63–25–3rd. Pigeon, Alta., 47–1–5th. Pikwitonei, Man., 76–3E–Pr.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
$1962 \\ 1625$	Pinehurst, Alta., 65–10–4th Piwei, Sask., 41–8–2nd	1 1

Eleva- tion	Name and Locality	Auth- ority
2127 712 1476 1809 2598 680 1672 1075 1963 898 3867	Plain, Alta., 53–12–4th. Playgreen, Man., 59–6–Pr. Plonge, Ia, Sask., 71–9–3rd Ponass, Sask., 38–14–2nd Ponita, Alta., 75–12–6th. Porter, Man., 75–10E–Pr Porter, Sask., 37–2–3rd Precipice, ManSask., 68–30–Pr Primrose, SaskAlta., 68–25–3rd Purdy, Alta., 108–3–4th. Pyramid, Alta., 45–1–6th	1 1 1 1 1 5 2
	Q	
1572 1704 2328	Qu'Appelle, Sask., 21–15–2nd. Quill, Sask., 33–17–2nd. Quitting, Alta., 88–3–5th.	1 1 1
	R	
1708 1582 2608 2566 855 1680 2554 862 4106 1914 912 1958 1150 1286 762 699 1134 1069 22003 1321 875	Radisson, Sask., 40–10–3rd. Raft, Alta., 86–1–4th. Rat, Alta., 74–12–6th. Rays, Alta., 74–13–6th. Reader, Man., 57–27–Pr. Redberry, Sask., 43–8–3rd. Red Deer, Alta., 43–22–4th. Red Deer, Man., 46–27–Pr. Reed, Alta., 2–22–4th. Reed, Alta., 61–12–4th. Reed, Man., 65–20–Pr. Reflex, Sask.—Alta., 42–1–4th. Reindeer, Sask., 97–2–2nd. Rene, Alta., 104–1–4th. Resting, Man., 67–9–Pr. Richardson, Alta., 108–7–4th. Rickaby, Man.—Ont., 38–16E–Pr. Rivers, Lake of the, Sask., 9–28–2nd. Rock, Man., 3–3–Pr. Rock, Man., 59–28–Pr.	1 1 1 2 2

Eleva- tion	Name and Locality	Auth- ority
738 1225 4310 1996 1454 1232 821 1040 2510 1058	Rock Island, Man., 68–8–Pr. Ronge, la, Sask., 71–21–2nd. Ross, Alta., 2–22–4th. Round, Man., 18–19–Pr. Round, Sask., 18–3–2nd. Ruby, Sask., 46–3–2nd. Ruis, Alta., 108–23–4th. Rundle, ManOnt., 30–17E–Pr. Russell, Alta., 93–12–5th. Ryerson, ManOnt., 17–17E–Pr.	1 2 2 1 2 1 1 1 5
	S	
1974 2370 1528 720 2130 2140 801 757 724 1781 2006 2528 2360 2000 1989 2331 853 974 2274 815 1014 954 2362 1902 2038 2899 737 765 765 765	Saddle, Alta., 58–12–4th. St. Ann, Alta., 54–3–5th. St. Cyr, Sask., 61–14–3rd. St. George, Man., 32–1E–Pr. St. Germain, Alta., 85–23–5th. St. Lawrence, Alta., 39–1–4th. St. Martin, Man., 31–8–Pr. St. Michael, Man., 34–1–Pr. St. Patrick, Man., 32–1–Pr. Salinc, Sask., 32–9–2nd. Salt, Sask., 30–3–3rd. Samson, Alta., 43–23–4th. Sandy, Alta., 45–1–5th. Sandy, Man., 18–20–Pr. Sante, Alta., 56–11–4th. Saskatoon, Alta., 72–8–6th. Saskeram, Man., 56–28–Pr. Saskoba, ManSask., 63–30–Pr. Saunders, Alta., 49–24–4th. Saw, Man., 68–13–Pr. Sawap, Sask., 64–1–2nd. Schist, Man., 65–29–Pr. Schultz, Alta., 40–12–4th. Seagram, Sask., 42–24–3rd. Seibert, Alta., 66–9–4th. Seiy, Alta., 25–18–4th. Setting, Man., 70–8–Pr. Shallow, Man., 64–10–Pr. Shanks, Alta., 1–21–4th.	2 1 1

Eleva- tion	Name and Locality	Auth- ority
1135 837 2150 1794 850 850 850 2708 965 2595 2222 1813 598 919 2566 2044 1893 1534 2090 1573 1871 1260 2429 1073 2155 1800 800 1055 292	Shinewater, ManOnt., 17-17E-Pr. Shirley, Man., 57-21-Pr. Shoal, Alta., 61-3-5th. Shoal, Man., 16-23-Pr. Shoal (East), Man., 16-1-Pr. Shoal (Wost), Man., 16-2-Pr. Shoal (West), Man., 16-2-Pr. Shoal (West), Man., 16-2-Pr. Shooting, Alta., 37-17-4th. Simonhouse, Man., 64-25-Pr. Sinclair, Alta., 74-12-6th. Singoosh, Man., 31-24-Pr. Sinking, Alta., 59-6-4th. Sipiwesk, Man., 70-2-Pr. Sissipuk (Churchill river), Sask., 77-1-2nd. Sittingstone, Alta., 41-21-4th. Skeleton, Alta., 65-18-4th. Slave, Lesser, Alta., 74-8-5th. Sled, Sask., 63-10-3rd. Smoky, Alta., 59-18-4th. Smoothstone, Sask., 65-6-3rd. Snake, Man., 24-27-Pr. Snake (Churchill river), Sask., 74-4-3rd. Snipe, Alta., 71-19-5th. Snowshoe, Man., -0nt., 19-17E-Pr. Sounding, Alta., 36-4-4th. South Wabiskaw, Alta., 79-24-4th. Southern Indian, Man., 95-8-Pr. Sparrow-hawk, ManOnt., 39-16E-Pr. Sparrow-hawk, ManOnt., 39-16E-Pr.	
535 2575 5442 5477 907	Split, Man., 83–9E–Pr.   Spotted, Alta., 40–22–4th   Spray, Alta., 22–10–5th.   Spray, (Upper), Alta., 23–10–5th.   Squall, Man., 69–18–Pr.	5 1 (a) (a) 1
1905 2222 3030 2970 1879 1782 1732	Square, Alta., 68–12–4th Stevenson, Alta., 44–4-4th Stirling, Alta., 7–19–4th Stobart, Alta., 22–23–4th Stockwell, Sask., 27–9–3rd Stonewall, Sask., 32–9–2nd Stony, Sask., 32–10–2nd	1 1 2 2 1

<sup>(</sup>a) Calgary Power Co.

Eleva- tion	Name and Locality	Aut
2150 2657 4435 5328 628 713 2374 1308 850 3060	Sturgeon, Alta., 71–24–5th. Sullivan, Alta., 35–14–4th. Summit, B.C. (Crowsnest Pass). Summit, B.C. (Kicking Horse Pass). Surprise, Man., 81–12E–Pr. Swampy, Man., 71–5–Pr. Swan, Alta., 75–13–6th. Swan, Man., 4–11–Pr. Swan, Man., 4–11–Pr. Swan, Man., 40–23–Pr. Sylvan, Alta., 39–2–5th.	5 1 4 3 1 1 1 1 1 ?
	Т	
997 1599 918 1867 2344 607 2086 2228 2186 2040 2046 678 2180 870 2019 1710 634 1391 6577 2150 2479 1652 5400 3146	Table, Sask., 64–1–2nd. Taggart, Sask., 59–9–3rd Tathlina, N.W.T., 132–1–6th. Tawakwato, Alta., 66–15–4th Tawayik, Alta., 53–20–4th Telford, Alta., 49–24–4th Terry, Man., 80–13E–Pr Therien, Upper and Lower, Alta., 57–10–4th Thomas, Alta., 48–12–4th Thornbury, Alta., 76–11–4th Thurston, Alta., 126–1–6th. Tilson, Man., 22–25–Pr Tooth, Man., 70–6–Pr Torch, Sask., 55–23–2nd. Touchwood, Alta., 67–10–4th. Tramping, Man., 66–18–Pr Tramping, Sask., 36–20–3rd Trappers, Sask., 36–20–3rd Trappers, Sask., 55–1–3rd. Tremaine, Man., 75–1E–Pr Turnor, Sask., 87–17–3rd. Turquoise, Alta., 30–17–5th Turtle, Sask., 53–18–3rd. Twelvemile, Sask., 43–18–3rd. Twelve-mile, Sask., 43–18–3rd. Twin-tree, Alta., 51–8–6th Tyrrell, Alta., 5–17–4th	11 11 12 22 21 11 11 11 11 11 11 14 44 11

Eleva- tion	Name and Locality	Auth- ority
	U	
2279 5420 2115 2120	Underwood, Alta., 72–3–4th. Upper Wildfowl, Alta., 33–19–5th. Utikuma, Alta., 80–9–5th Utikumasis, Alta., 80–11–5th	1 3 1 1
	V	
2586 1105 1791 3160 1456 1960 1975 2081 1623	Valley, Alta., 42–21–4th.  Vamp, Man., 68–25–Pr.  Van Seoy, Sask., 36–11–3rd.  Verdigris Coulee, Alta., 4–16–4th.  Vermette, Sask., 77–21–3rd.  Vermilion (Lower), Alta., 54–11–4th.  Vermilion (Upper), Alta., 54–13–4th.  Vineent, Alta., 59–9–4th.  Voisin, Sask., 60–9–3rd.	1 5 5
	W	
2380 1787 1800 2320 1121 2438 1290 2080 1392 1740 2118 6050 1490 915 831 1495 1570 4193 2258 1873	Wabamun, Alta., 52–4–5th. Wabiskaw, North, Alta., 81–26–4th. Wabiskaw, South, Alta., 79–24–4th. Wadlin, Alta., 101–10–5th. Walker, ManOnt., 29–17E–Pr. Wanisan, Alta., 52–20–4th. Wapawekka, Sask., 69–18–2nd. Wappau, Alta., 75–10–4th. Wasekamio, Sask., 88–18–3rd. Waskesiu, Sask., 57–2–3rd. Watapi, Sask., 73–24–3rd. Watehman, Alta., 35–23–5th. Watehman, Alta., 83–3–4th. Waterfall, Sask., 61–1–2nd. Waterhen, Man., 36–15–Pr. Waterhen (dry bed), Sask., 45–22–2nd. Waterhen, Sask., 63–17–3rd. Waterton, Alta., 1–30–4th. Wavy, Alta., 45–15–4th. Weaver, Alta., 80–1–5th.	1 1 1 2 5 1 1 3 5 1 1 5 1

Eleva- tion	Name and Locality	Auth- ority
1049 1036 840 1040 3154 1928 2595 1894 1005 1731	Webb, Man., 68–23–Pr. Weetago bay (Kisseynew lake), Man., 68–30–Pr. Wekusko, Man., 67–16–Pr. Weldon Bay, Man., 69–26–Pr. Weston, Alta., 4–17–4th. Weyakwin, Sask., 64–1–3rd. Whitebrush, Alta., 42–20–4th Whitefish, Alta., 62–13–4th. Whitefish, Man., 14–15E–Pr. Whitesand, Sask., 32–10–2nd	$\frac{2}{2}$
1022 2056 816 1820 1626 2052 2136 5420 870 2181 2036	Whiteshell, Man., 13–16E–Pr. Whiteshore, Sask., 36–16–3rd. Whitestone, Man., 86–1–Pr. Whiteswan, Sask., 60–21–2nd. Whiteswater, Man., 3–22–Pr. Whitford, Alta., 56–16–4th. Wiau, Alta., 74–9–4th. Wildfowl, Upper, Alta., 33–19–5th. William, Man., 57–13–Pr. Willowbunch, Sask., 5–26–2nd. Winagami, Alta., 76–18–5th.	1 1 1 5 2 1 1 3 1 (a)
1900 714 831 593 577 2562 1959 2613 1300 1059 865 1638	Winefred, Alta., 75–4–4th Winnipeg, Man., 35–1–Pr Winnipegosis, Man., 40–18–Pr Wintering, Man., 73–2–Pr Witchai, Man., 80–4E–Pr Wizard, Alta., 48–27–4th Wolf, Alta., 66–7–4th Wolf, Alta., 74–13–6th Wollaston, Sask., 106–8–2nd Woods, Lake of the, ManOnt., 1–17E–Pr Woody, Man., 63–15–Pr	1 1 1 2 1 1 4 (b) 5
1000	Wreneh, Sask., 45–3–3rd Y	1
2364 3620	Yekau, Alta., 52–26–4th Yellowhead, B.C., 45–4–6th	2 3

<sup>(</sup>a) Reclamation Service.(b) Dominion Water Powers.





#### Date Due

CIRC	APR 30 '76		
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GB 1630 PB W18 1924 WALLACE JAMES NEVIN D 1941 ELEVATIONS OF LAKES IN MANITOBA SASKATCHEWAN AND 39189723 SCI

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GB 1630 P8 W18 1924
Wallace, James Nevin, d. 1941.
Elevations of lakes in
Manitoba, Saskatchewan and
0091320A SCI

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